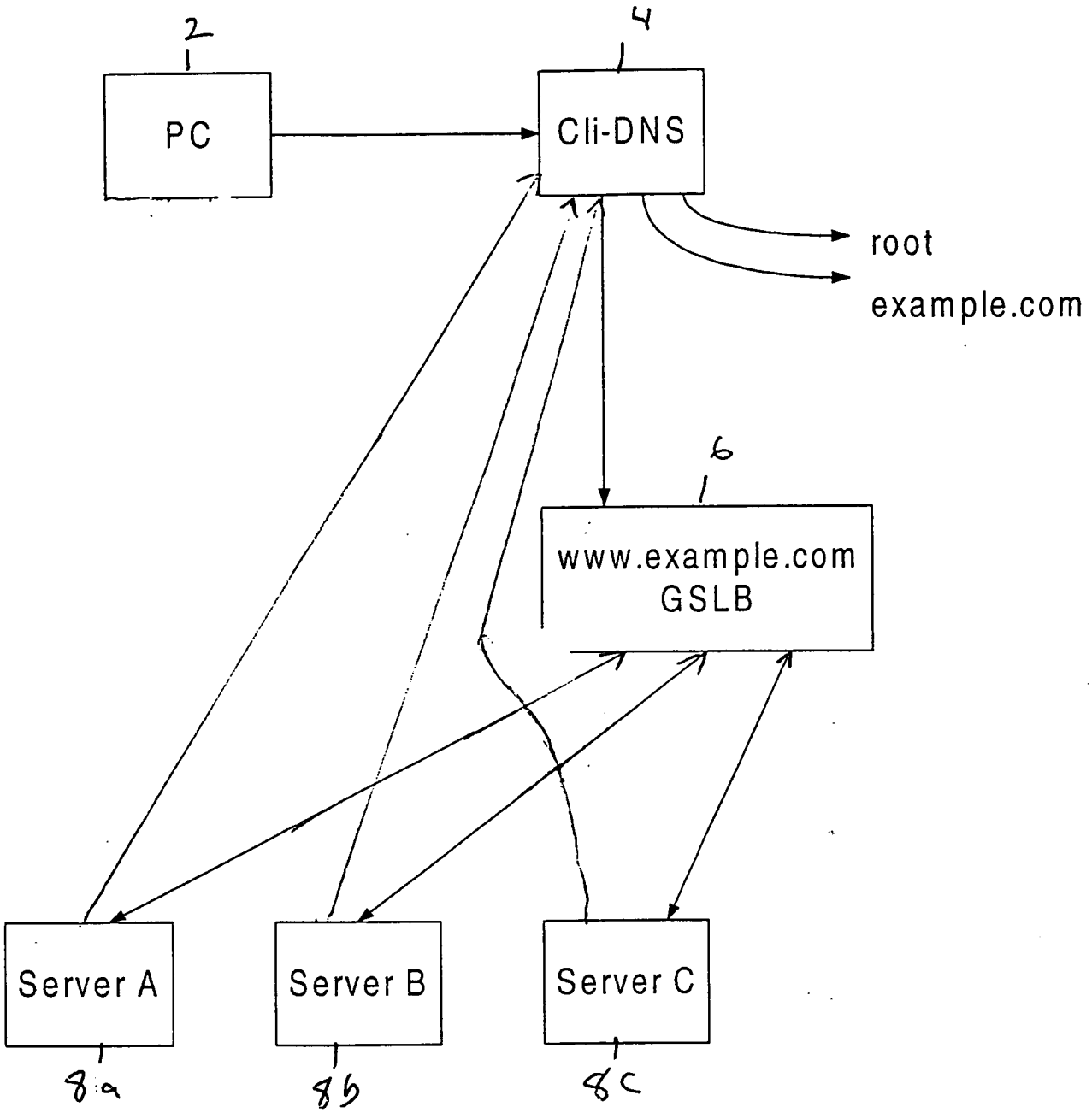

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FIG. 1

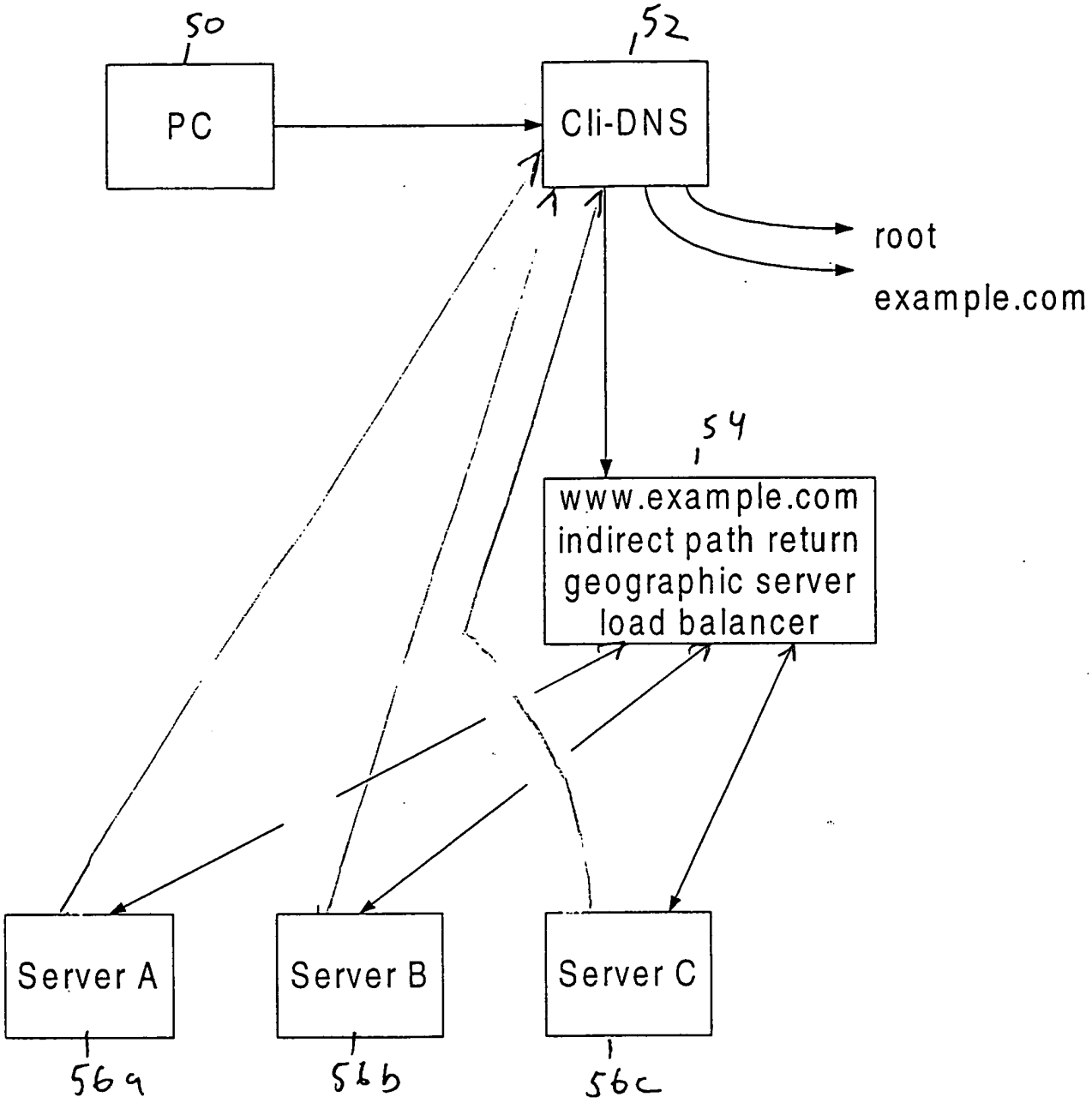

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FIG. 2

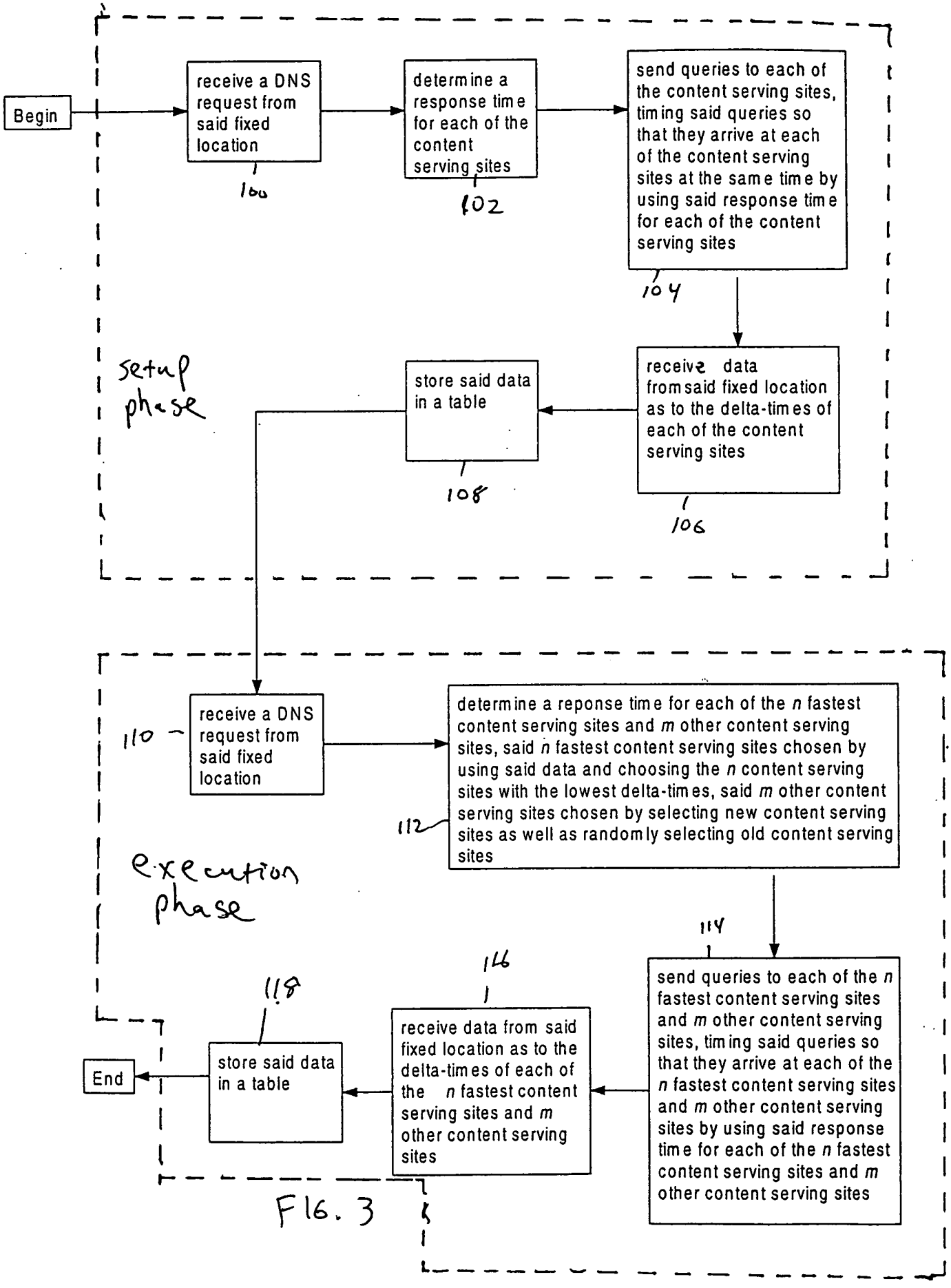
Begin
receive a DNS request from said fixed location
100
determine a response time for each of the content serving sites
102
send queries to each of the content serving sites, timing said queries so that they arrive at each of the content serving sites at the same time by using said response time for each of the content serving sites
104
setup phase
receive data from said fixed location as to the delta-times of each of the content serving sites
106
store said data in a table
108
receive a DNS request from said fixed location
110
determine a reponse time for each of the n fastest content serving sites and m other content serving sites, said n fastest content serving sites chosen by using said data and choosing the n content serving sites with the lowest delta-times, said m other content serving sites chosen by selecting new content serving sites as well as randomly selecting old content serving sites
112
execution phase
114
send queries to each of the n fastest content serving sites and m other content serving sites, timing said queries so that they arrive at each of the n fastest content serving sites and m other content serving sites by using said response time for each of the n fastest content serving sites and m other content serving sites
116
receive data from said fixed location as to the delta-times of each of the n fastest content serving sites and m other content serving sites
118
store said data in a table
End

FIG. 3

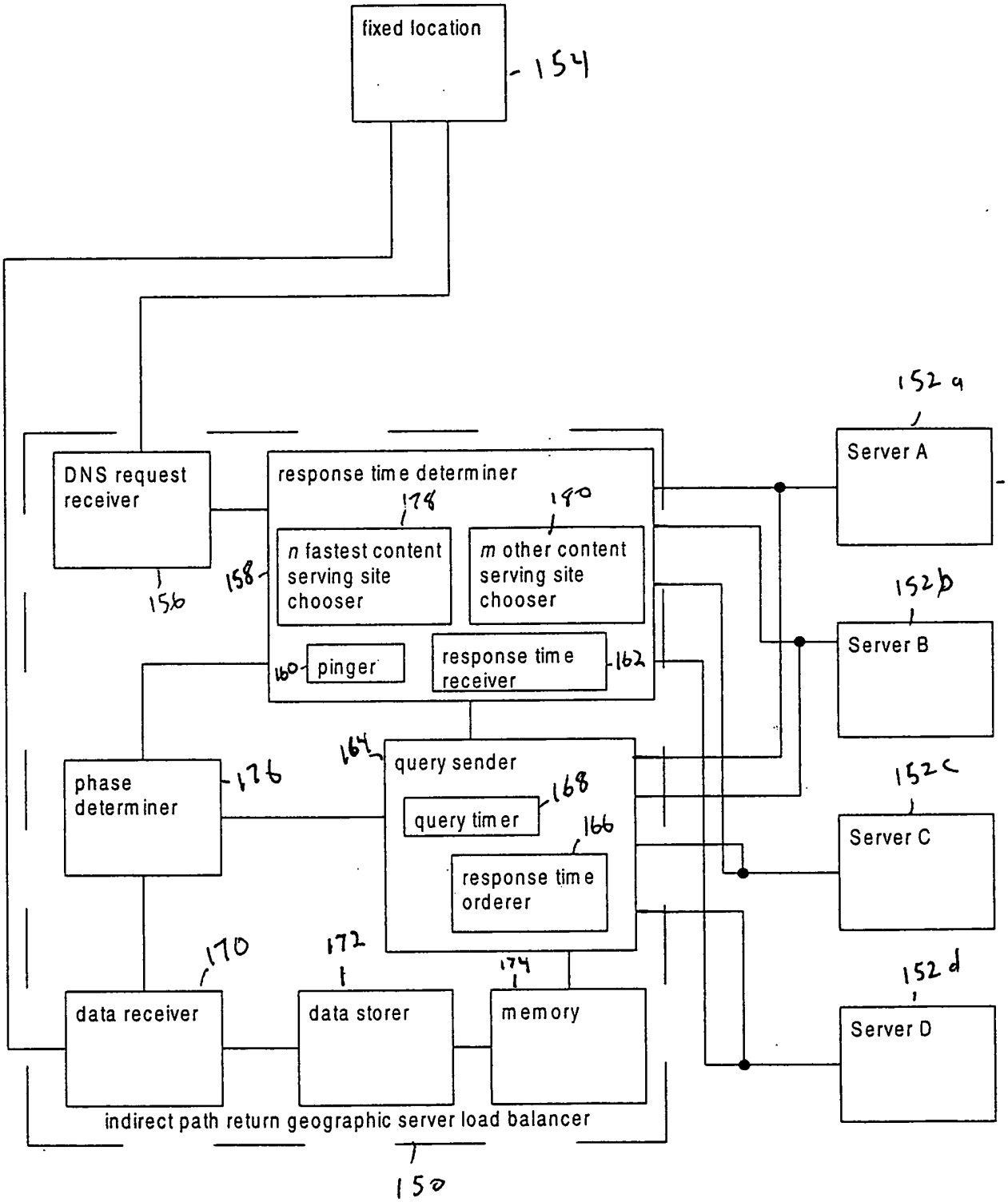
fixed location
154
152a
Server A
DNS request receiver
156
response time determiner
178
180
n fastest content serving site chooser
m other content serving site chooser
158
160
pinger
response time receiver
162
152b
Server B
164
query sender
168
query timer
166
response time orderer
phase determiner
176
152c
Server C
170
172
174
data receiver
data storer
memory
152d
Server D
indirect path return geographic server load balancer
150

FIG. 4